Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

Encroachments

Animal Control

Unit Totals:

0.01

0.01

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

LD0009	Overall LMA	Total LMA						
Levee District No. 0009 (Sutter County)	Rating	Miles						
, , , , , , , , , , , , , , , , , , ,	Α	6.25						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.34			
Animal Control	0.01		0.01	0.16%				
LMA Totals:	0.01	0.00	0.01	0.16%	0.34	0.00	0.00	0.00
Unit No. 01 Sutter County, Feather River RB	Overall Unit Rating	Total Unit Miles						
LD0009	A	6.25						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							•	

0.00

0.01

0.01

0.34

0.34

0.00

0.00

0.00

0.16%

0.16%

Winter **

Flood Control Project Maintenance Levee Inspections

LMA District Cover Sheet

Fall 2018 Levee Inspection Results

Levee District No. 0009 (Sutter County)

Spring

Summer **

	(iviaicii - iviay)	(Julie - August)	(September - November)	(December - Lepidary)
† Overall LMA Rating (Fall Only)			Α	
	** Non-receipt of Summ Reports may effect ov			
† SPRING INSPECTIONS: Overall maintenance deficiencies are rated	ratings are not determ d using the same criter			ual maintenance
FALL INSPECTIONS: The overall maintena within the attached u	•	•	ion and maintenance de ended to be an indiction o	
Comments				

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles
Unit No. 01 Sutter County, Feather River	Right	6.25

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/13/2018 - 3/13/2018		10/18/2018 - 10/18/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	David Schmidl		David Schmidl	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2018

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/18/2018 10/18/2018	Sterling York

LM Start		Rating **	Α	Issue No.		4	
LM End		Issue Type +	Ma	Location *			
Category	Earthen L	evee		GPS La	atitude	e/Longitude	
Category				Start		End	
14	Emergency Supplies &				0		0
Item	Equipmer			0		0	
DWR ID	DWR_LD00	009_01_s _ 201	3_4				
		Comn	nent Cod	de			
Inspector Comment							
	LD 9 has flood fight supplies on hand and coordinates with other local levee districts in the flood fight supply staging program.						

No Photos

LM Start		Rating **	Α	Issue No.		5		
LM End		Issue Type +	Ma	Location *				
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Item	Operations & Maintenance				0		0	
item	Manuals				0		0	
DWR ID	DWR ID DWR_LD0009_01_s _ 2013_5							
	Comment Code							

No Photos

Inspector Comment

The levee district has stated in the past that they have a copy of the O&M manuals.

LM Start		Rating **	Α	Issue No.		6			
LM End		Issue Type +	Ma	Location *					
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Calegory				Start		End			
Item	Flood Preparedness & Training				0		0		
item					0		0		
DWR ID	DWR_LD00	009_01_s _ 201	3_6						
		Comn	nent Cod	le					
	Inspector Comment								
The distric	t has atten	ded the Flood	l Fight cl	ass put on	by F	RD 784 and			

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown	U · Unaccentable	A/W · Acceptable but Monitor & Maintain	En : Enforcement

DWR.

Levee Inspection Report By Mile - Fall 2018

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/18/2018 10/18/2018	Sterling York

LM Start	0.03	Rating **	Α	Issue No.		1		
LM End	6.24	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee	GPS La	atitud	le/Longitude			
Calegory			Start		End			
ltom	Vegetatio	n		39.1692	37°	39.255682°		
item	-121.622989 ° -121.636386							
DWR ID DWR_LD0009_01_f _ 2018_1								
	Comment Code							

V1 : Control annual grass and weeds on the levee slopes and

Inspector Comment

The annual vegetation is well maintained, Fall 2018.

easements.

Photo 1 of 1 : FA_2018_LD0009_202_1_20181113_00008.jpg



View looking upstream landside at the well maintained annual vegetation, Fall 2018.

LM Start	0.03	Rating **	Α	Issue No.		2	
LM End	6.24	Issue Type +	Ма	Location *		WS	
Category	Category Earthen Levee				GPS Latitude/Longitude		
Category						End	
Item	Vegetatio	n		39.1692	37°	39.255682°	
пеш					89°	-121.636386 °	
DWR ID DWR_LD0009_01_f _ 2018_2							

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

The annual vegetation is well maintained, Fall 2018.

Photo 1 of 1: FA_2018_LD0009_202_2_20181113_00007.jpg



View looking upstream waterside at the well maintained annual vegetation, Fall 2018.

LM Start	0.09	Rating **	М	Issue No.		18	
LM End	0.09	Issue Type +	Ма	Location *		LS	
Catagory	Category Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Item	Animal Control 39.170		39.17006	4°	39.170064	0	
пеш				-121.62256	3°	-121.622563	0
DWR ID DWR_LD0009_01_f _ 2016_18							

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No rodent activity was observed, holes need to be backfilled. Fall 2018

Photo 1 of 1: FA_2018_LD0009_202_18_20180918_00003.jpg



View on landside of rodent activity and holes.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2018

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/18/2018 10/18/2018	Sterling York

I M Ctort	5.66	Rating **	М	Issue No.		20	
LM Start	5.00						
LM End	6.00	Issue Type +	En	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachments			39.247349°		39.252258°	
				-121.6373	841 °	-121.637077°	
DWR ID DWR_LD0009_01_f _ 2016_20							
Comment Code							
DT : Ditch							
Inspector Comment							
Ditch at the toe of the landside levee.							

Photo 1 of 1 : FA_2018_LD0009_202_20_20180918_00004.jpg

View looking upstream of ditch at the toe of the landside levee.